Improvements to roads and drains at Doddabettahalli Layout, Rajeevanagara, Chikkabettahalli Surrounding area, Ananthapura surrounding area, Chitra Layout, Pulakeshinagar Layout, Jothinagar Surrounding area, Basavalingappanagara, Ananthapura Colony, Tanary road Attur Colony and Halenagara Village Colony in Ward No.03 Attur

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Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications including all lead and lifts and								1139316
	Vide pre-measurement page no.					5239.92			
						Present Qty 5239.92	**Cum**	**217.43**	**1139330.37**
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form								4058338
	Vide pre-measurement page no.					741.10			
						Present Qty 741.10	**Cum**	**5476.12**	**4058338.10**
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM								10330491
	Vide pre-measurement page no.					1446.66			
						Present Qty 1446.66	**Cum**	**7140.90**	**10330491.21**
4	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications including all lead and lifts and as per the direction of								6669850
	Vide pre-measurement page no.					89.25			
						Present Qty 89.25	**Tn**	**74732.16**	**6669626.83**
5	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing								231089
	Vide pre-measurement page no.					39.81			
						Present Qty 39.81	**Cum**	**5804.79**	**231065.60**

KUMARAN CONSULTANTS Bangalore

Contractor Consultant

Asst. Engineer

Asst. Exec. Engineer

Asst. Executive Engineer
Project Division

Improvements to roads and drains at Doddabettahalli Layout, Rajeevanagara, Chikkabettahalli surrounding area, Ananthapura surrounding area, Chitra Layout, Pulakeshinagar Layout, Jothinagar surrounding area, Basavalingappanagara, Ananthapura Colony, Tanary road Attur Colony and Halenagara Village Colony in Ward No.03 Attur

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Detailed Measurements

Measurement Recorded On: 07-07-2021

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing including all lead and lifts								
2ND BILL								
RCC Drain								
Slab								
Hanumayya layout								
5th Cross Rd								
RHS from end								
Ch:0.00m to 12.30m	1	12.30	BS					
Ch:12.30m to 30.00m	1	17.70	0.90		15.93			
Ch:30.00m to 60.00m	1	30.00	0.90		27.00			
Ch:60.00m to 61.00m	1	1.00	0.90		0.90			
House gap								
Ch:61.00m to 69.80m	1	8.80	0.90		7.92			
Ch:69.80m to 73.30m	1	3.50	BS					
Ch:73.30m to 103.30m	1	30.00	0.90		27.00			
Ch:103.30m to 133.30m	1	30.00	0.90		27.00			
Ch:133.30m to 163.30m	1	30.00	0.90		27.00			
Ch:163.30m to 193.30m	1	30.00	0.90		27.00			
Ch:193.30m to 217.90m	1	24.60	0.90		22.14			
LHS from main Rd								
Ch:0.00m to 8.20m	1	8.20	0.90		7.38			
Culvert								
Ch:8.20m to 38.20m	1	30.00	0.90		27.00			
Ch:38.20m to 45.90m	1	7.70	0.90		6.93			
House gap								
Ch:45.90m to 70.90m	1	25.00	0.90		22.50			
Culvert								
Ch:70.90m to 97.40m	1	26.50	0.90		23.85			
Culvert								
Ch:97.40m to 127.40m	1	30.00	0.90		27.00			
Ch:127.40m to 157.40m	1	30.00	0.90		27.00			
Ch:157.40m to 187.40m	1	30.00	0.90		27.00			
Ch:187.40m to 210.70m	1	23.30	0.90		20.97			

NEWZEN CONSULTANT Bangalore

Contractor | Consultant | Asst. Engineer | Asst. Exec. Engineer, Project Division, Yelahanka Zone

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Vinayaka temple Rd								
LHS from temple								
Ch:0.00m to 17.20m	1	17.20	BS					
Road gap								
Ch:17.20m to 31.20m	1	14.00	0.90		12.60			
Ch:31.20m to 36.70m	1	5.50	BS					
Ch:36.70m to 49.70m	1	13.00	BS					
Culvert								
Ch:49.70m to 76.00m	1	26.30	BS					
Culvert								
Ch:76.00m to 84.10m	1	8.10	BS					
Thirumala nagara								
6th Main Road								
RHS from end								
Ch:0.00 m to 8.20m	1	8.20	0.90		7.38			
Ch:8.20m to 38.20m	1	30.00	0.90		27.00			
Ch:38.20m to 68.20m	1	30.00	0.90		27.00			
Ch:68.20m to 98.20m	1	30.00	0.90		27.00			
Ch:98.20m to 128.20m	1	30.00	0.90		27.00			
Ch:128.20m to 158.20m	1	30.00	0.90		27.00			
Ch:158.20m to 188.20m	1	30.00	0.90		27.00			
Ch:188.20m to 192.70m	1	4.50	0.90		4.05			
LHS from main Rd								
Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
Ch:30.00m to 60.00m	1	30.00	0.90		27.00			
Ch:60.00m to 90.00m	1	30.00	0.90		27.00			
Ch:90.00m to 120.00m	1	30.00	0.90		27.00			
Ch:120.00m to 150.00m	1	30.00	0.90		27.00			
Ch:150.00m to 164.70m	1	14.70	0.90		13.23			
7th Main Road								
RHS from end								
Ch:0.00m to 16.00m	1	16.00	0.90		14.40			
Ch:16.00m to 21.00m	1	5.00	0.90		4.50			
Ch:21.00m to 27.00m	1	6.00	0.90		5.40			
Ch:27.00m to 30.90m	1	3.90	0.90		3.51			
Ch:30.90m to 60.90m	1	29.40	0.90		26.46			
Ch:60.90m to 64.90m	1	4.60	0.90		4.14			
Ch:64.90m to 94.90m	1	30.00	0.90		27.00			
Ch:94.90m to 124.90m	1	30.00	0.90		27.00			
Ch:124.90m to 154.90m	1	30.00	0.90		27.00			
Ch:154.90m to 184.90m	1	30.00	0.90		27.00			
Ch:184.90m to 201.10m	1	16.20	0.90		14.58			
LHS from main Rd								

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Vinayaka temple Rd								
LHS from temple								
Ch:0.00m to 17.20m	1	17.20	BS					
Road gap								
Ch:17.20m to 31.20m	1	14.00	0.90		12.60			
Ch:31.20m to 36.70m	1	5.50	BS					
Ch:36.70m to 49.70m	1	13.00	BS					
Culvert								
Ch:49.70m to 76.00m	1	26.30	BS					
Culvert								
Ch:76.00m to 84.10m	1	8.10	BS					
Thirumala nagara								
6th Main Road								
RHS from end								
Ch:0.00 m to 8.20m	1	8.20	0.90		7.38			
Ch:8.20m to 38.20m	1	30.00	0.90		27.00			
Ch:38.20m to 68.20m	1	30.00	0.90		27.00			
Ch:68.20m to 98.20m	1	30.00	0.90		27.00			
Ch:98.20m to 128.20m	1	30.00	0.90		27.00			
Ch:128.20m to 158.20m	1	30.00	0.90		27.00			
Ch:158.20m to 188.20m	1	30.00	0.90		27.00			
Ch:188.20m to 192.70m	1	4.50	0.90		4.05			
LHS from main Rd								
Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
Ch:30.00m to 60.00m	1	30.00	0.90		27.00			
Ch:60.00m to 90.00m	1	30.00	0.90		27.00			
Ch:90.00m to 120.00m	1	30.00	0.90		27.00			
Ch:120.00m to 150.00m	1	30.00	0.90		27.00			
Ch:150.00m to 164.70m	1	14.70	0.90		13.23			
7th Main Road								
RHS from end								
Ch:0.00m to 16.00m	1	16.00	0.90		14.40			
Ch:16.00m to 21.00m	1	5.00	0.90		4.50			
Ch:21.00m to 27.00m	1	6.00	0.90		5.40			
Ch:27.00m to 30.90m	1	3.90	0.90		3.51			
Ch:30.90m to 60.90m	1	29.40	0.90		26.46			
Ch:60.90m to 64.90m	1	4.60	0.90		4.14			
Ch:64.90m to 94.90m	1	30.00	0.90		27.00			
Ch:94.90m to 124.90m	1	30.00	0.90		27.00			
Ch:124.90m to 154.90m	1	30.00	0.90		27.00			
Ch:154.90m to 184.90m	1	30.00	0.90		27.00			
Ch:184.90m to 201.10m	1	16.20	0.90		14.58			
LHS from main Rd								

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engine
Yelahanka
BBMP Bangal

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
Ch:30.00m to 60.00m	1	30.00	0.90		27.00			
Ch:60.00m to 90.00m	1	30.00	0.90		27.00			
Ch:90.00m to 120.00m	1	30.00	0.90		27.00			
Ch:120.00m to 150.00m	1	30.00	0.90		27.00			
Ch:120.00m to 180.00m	1	30.00	0.90		27.00			
Ch:180.00m to 191.50m	1	11.50	0.90		10.35			
Hanumayya layout								
2nd Main Road								
LHS from main Rd								
Ch:0.00m to 13.50m	1	13.50	0.90		12.15			
Ch:13.50m to 23.30m	1	9.80	BS					
Ch:23.30m to 53.30m	1	30.00	0.90		27.00			
Ch:53.30m to 65.30m	1	12.00	0.90		10.80			
Ch:65.30m to 77.80m	1	12.50	BS					
Ch:77.80m to 82.90m	1	5.10	0.90		4.59			
Ch:82.90m to 86.00m	1	3.10	BS					
Ch:86.00m to 90.40m	1	4.40	0.90		3.96			
Ch:90.40m to 115.00m	1	24.60	BS					
Ch:115.00m to 126.80m	1	11.80	0.90		10.62			
Ch:126.80m to 156.80m	1	30.00	BS					
Ch:156.80m to 165.00m	1	8.20	BS					
Ch:165.00m to 171.60m	1	6.60	0.90		5.94			
RHS from end								
Ch:0.00m to 10.30m	1	10.30	0.90		9.27			
Ch:10.30m to 26.30m	1	16.00	BS					
Ch:26.30m to 56.30m	1	30.00	0.90		27.00			
Ch:56.30m to 63.10m	1	6.80	0.90		6.12			
Ch:63.10m to 93.10m	1	30.00	BS					
Ch:93.10m to 100.10m	1	7.00	BS					
Ch:100.10m to 114.40m	1	14.30	0.90		12.87			
Ch:114.40m to 124.20m	1	9.80	BS					
Ch:124.20m to 133.70m	1	9.50	0.90		8.55			
Ch:133.70m to 136.80m	1	3.10	BS					
Ch:136.80m to 138.70m	1	1.90	0.90		1.71			
Ch:138.70m to 152.30m	1	13.60	BS					
Ch:152.30m to 167.20m	1	14.90	0.90		13.41			
3rd Main Road								
RHS from main								
Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
Ch:30.00m to 60.00m	1	30.00	0.90		27.00			
Ch:60.00m to 61.20m	1	1.20	0.90		1.08			
Ch:61.20m to 72.90m	1	11.70	BS					

NEWZEN CONSULTANT ★ Bangalore ★

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division

Asst. Exec. Engr

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch:72.90m to 102.90m	1	30.00	0.90		27.00			59
Ch:102.90m to 129.10m	1	26.20	0.90		23.58			
Ch:129.10m to 139.10m	1	10.00	BS					
Ch:139.10m to 141.00m	1	1.90	0.90		1.71			
Ch:141.00m to 151.00m	1	10.00	BS					
Ch:151.00m to 152.90m	1	1.90	0.90		1.71			
Ch:152.90m to 176.90m	1	24.00	BS					
LHS from end								
Ch:0.00m to 9.70m	1	9.70	BS					
Ch:9.70m to 39.70m	1	30.00	0.90		27.00			
Ch:39.70m to 69.70m	1	30.00	0.90		27.00			
Ch:69.70m to 87.00m	1	17.30	0.90		15.57			
Ch:87.00m to 95.80m	1	8.80	BS					
Ch:95.80m to 99.80m	1	4.00	0.90		3.60			
Ch:99.80m to 115.60m	1	15.80	0.90		14.22			
Ch:115.60m to 145.30m	1	29.70	BS					
Ch:145.30m to 174.30m	1	29.00	0.90		26.10			
11th Cross Rd								
LHS								
Ch:0.00m to 15.00m	1	15.00	0.90		13.50			
Ch:15.00m to 42.70m	1	27.70	BS					
Ch:42.70m to 52.00m	1	9.30	0.90		8.37			
10th Cross Rd								
LHS								
Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
Ch:30.00m to 48.00m	1	18.00	0.90		16.20			
9th Cross Rd								
LHS								
Ch:0.00m to 23.20m	1	23.20	0.90		20.88			
Ch:23.20m to 53.20m	1	30.00	BS					
Ch:53.20m to 60.40m	1	7.20	BS					
Ch:60.40m to 69.70m	1	9.30	0.90		8.37			
Ch:69.70m to 79.70m	1	10.00	BS					
Ch:79.70m to 88.40m	1	8.70	0.90		7.83			
8th Cross Rd								
LHS from main Rd								
Ch:0.00m to 24.40m	1	24.40	BS					
Ch:24.40m to 49.80m	1	25.40	0.90		22.86			
Ch:49.80m to 61.30m	1	11.50	BS					
Ch:61.30m to 75.30m	1	14.00	0.90		12.60			
Culvert								
House gap								
Ch:75.30m to 90.10m	1	14.80	0.90		13.32			

NEWZEN CONSULTANT Bangalore

Contractor Consultant Asst. Engineer Asst. Exec. Engineer

Asst. Executive Engineer

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Culvert								
Ch:90.10m to 109.70m	1	19.60	0.90		17.64			
Ch:109.70m to 116.50m	1	6.80	BS					
Culvert								
Ch:116.50m to 131.40m	1	14.90	0.90		13.41			
Ch:131.40m to 142.80m	1	11.40	0.90		10.26			
RHS from end								
Ch:0.00m to 9.50m	1	9.50	BS					
Ch:9.50m to 18.80m	1	9.30	0.90		8.37			
Ch:18.80m to 21.10m	1	2.30	BS					
Ch:21.10m to 46.20m	1	25.10	0.90		22.59			
Ch:46.20m to 76.20m	1	30.00	BS					
Ch:76.20m to 82.20m	1	6.00	BS					
Ch:82.20m to 110.60m	1	28.40	0.90		25.56			
Ch:110.60m to 118.60m	1	8.00	BS					
8th A Cross Rd								
LHS								
Ch:0.00m to 19.20m	1	19.20	0.90		17.28			
Ch:19.20m to 28.40m	1	9.20	BS					
Ch:28.40m to 36.40m	1	8.00	0.90		7.20			
8th B Cross Rd								
LHS								
Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
Ch:30.00m to 35.20m	1	5.20	0.90		4.68			
RHS								
Ch:0.00m to 27.80m	1	27.80	0.90		25.02			
8th C Cross Rd								
LHS From Main Rd								
Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
Ch:30.00m to 37.10m	1	7.10	0.90		6.39			
RHS From End								
Ch:0.00m to 11.80m	1	11.80	0.90		10.62			
Ch:11.80m to 27.80m	1	16.00	BS					
Ch:27.80m to 37.20m	1	9.40	0.90		8.46			
7th Main Rd								
LHS from end								
Ch:0.00m to 13.60m	1	13.60	0.90		12.24			
Ch:13.60m to 17.90m	1	4.30	BS					
Ch:17.90m to 37.40m	1	19.50	0.90		17.55			
Culvert								
Ch:37.40m to 67.40m	1	30.00	0.90		27.00			
Ch:67.40m to 69.40m	1	2.00	0.90		1.80			
Culvert								

NEWZEN CONSULTANT Bangalore

Contractor Consultant Asst. Engineer Asst. Executive Engineer Asst. Exec. Engineer Project Division

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch:69.40m to 99.40m	1	30.00	0.90		27.00			
Culvert								(61)
Ch:99.40m to 123.10m	1	23.70	0.90		21.33			
Ch:123.10m to 128.70m	1	5.60	0.90		5.04			
RHS from end								
House gap								
Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
Ch:30.00m to 46.30m	1	16.30	0.90		14.67			
Ch:46.30m to 76.30m	1	30.00	BS					
Ch:76.30m to 82.30m	1	6.00	0.90		5.40			
Ch:82.30m to 112.30m	1	30.00	BS					
Ch:112.30m to 120.80m	1	8.50	BS					
6th Main Road								
LHS from main Rd								
House gap								
Ch:0.00m to 5.00m	1	5.00	BS					
House gap								
Ch:5.00m to 24.10m	1	19.10	BS					
Ch:24.10m to 28.40m	1	4.30	0.90		3.87			
Ch:28.40m to 32.70m	1	4.30	BS					
Ch:32.70m to 38.00m	1	5.30	0.90		4.77			
Ch:38.00m to 51.30m	1	13.30	BS					
Ch:51.30m to 70.20m	1	18.90	0.90		17.01			
Ch:70.20m to 79.20m	1	9.00	BS					
Ch:79.20m to 88.70m	1	9.50	0.90		8.55			
Ch:88.70m to 114.60m	1	25.90	BS					
Near Vidyaniketan school								
1st Cross Road								
LHS								
Ch:0.00m to 9.40m	1	9.40	0.90		8.46			
Ch:9.4m to 11.60m	1	2.20	BS					
Ch:11.60m to 38.30m	1	26.70	0.90		24.03			
RHS from end								
Ch:0.00m to 9.40m	1	9.40	0.90		8.46			
Ch:9.40m to 18.90m	1	9.50	BS					
Ch:18.90m to 36.80m	1	17.90	0.90		16.11			
Santhos nagara								
4th Cross Rd								
LHS from main								
Ch:0.00m to 20.10m	1	20.10	0.90		18.09			
House gap								
Ch: 20.10m to 29.90m	1	9.80	0.90		8.82			
Road Gap								

NEWZEN CONSULTANT Bangalore

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone

Asst. Exec. Engineer